

Title (en)

TENSION MANAGEMENT APPARATUS FOR CABLE-DRIVEN TRANSMISSION

Title (de)

SPANNUNGSVERWALTUNGSVORRICHTUNG FÜR KABELBETRIEBENE ÜBERTRAGUNG

Title (fr)

APPAREIL DE GESTION DE LA TENSION POUR TRANSMISSION ENTRAÎNÉE PAR CÂBLE

Publication

**EP 3282952 A4 20181107 (EN)**

Application

**EP 16774425 A 20160404**

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- US 2016025926 W 20160404

Abstract (en)

[origin: WO2016161449A1] Slack-compensating pulleys, transmission systems including slack-compensating pulleys, and methods of operating these. In general, slack-compensating pulleys include a pulley body onto which a cable can wind, and one or more (e.g., two) slack take-up surfaces that rotate with the pulley body that are configured to remove slack from an outgoing length of cable by increasing the cable path length and wrap angle. In particular, described herein are minimal access tools having slack-compensating transmissions.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [XAI] JP H0996146 A 19970408 - MITSUI MINING & SMELTING CO
- [XAI] JP 2009127289 A 20090611 - AISIN SEIKI
- [A] US 7736254 B2 20100615 - SCHENA BRUCE M [US]
- See also references of WO 2016161449A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 2016161449 A1 20161006**; EP 3282952 A1 20180221; EP 3282952 A4 20181107; EP 3282952 B1 20191225; JP 2018515299 A 20180614; US 10753439 B2 20200825; US 2018080533 A1 20180322

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